

#### TC Installations Limited

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# 2.4 GHz DUAL PLANAR ANTENNA Part Numbers:

TCANT107 – SMA - RP-BNC 1 metre leads. TCANT108 – SMA - RP-BNC 2 metre leads. TCANT112 – SMA - RP-SMA 1 metre leads. TCANT113 – SMA - RP-SMA 2 metre leads TCANT114 – SMA - RP-TNC 1 metre leads TCANT115 – SMA - RP-TNC 2 metre leads

**Note:** Differing Cable lengths and connectors can be supplied on request.



# **Technical Data.**

## **Electrical Properties**

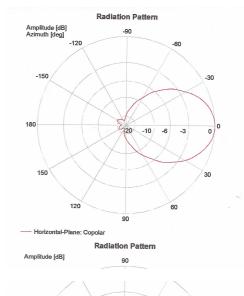
Frequency range 2400 - 2485 MHz

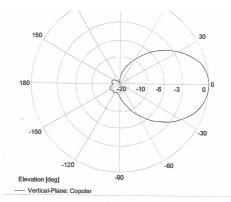
 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{VSWR} & 1.5 \end{array}$ 

Polarization Dual Linear, Vertical ±45° slant

Gain 8 dBi
3 dB beamwidth horizontal 75°
3 dB beamwidth vertical 70°
Downtilt 0°
Isolation between Ports 25 db
Front to back ratio 14 dB

Max. power 10 W (CW) at 25°C





### **Mechanical & Environmental Properties**

Dimensions 101 x 80 x 35 mm (3.98" x 3.15" x 1.38")

(3.98" x 3.15" x 1.38") Weight 0.11 kg (0.24 lbs.)

Radome material LEXAN EXL 9330

Radome colour RAL 7044 (silkgrey)

2002/95/EC (RoHS) compliant

Operating temperature range -  $40^{\circ}$ C to +  $80^{\circ}$ C

Storage temperature range  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ 

Water Tightness IP66/67

Windload 15 N at 160km/h (100mph)

Connectors SMA